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(71) Applicant (for all designated States except US): **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FUKUMA, Takao** [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

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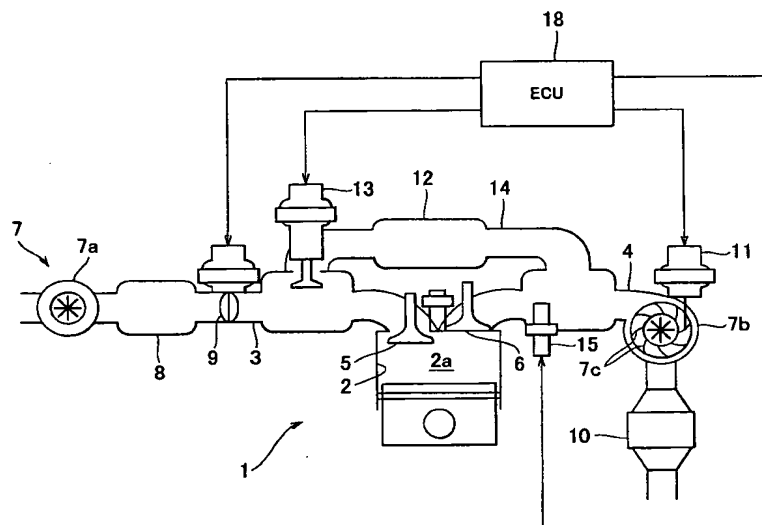
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(54) Title: WARM-UP METHOD AND WARM-UP SYSTEM FOR INTERNAL COMBUSTION ENGINE



(57) Abstract: A warm-up system is provided for an internal combustion engine (1) equipped with a CO<sub>2</sub> absorbing and releasing agent (15) that absorbs CO<sub>2</sub> at a temperature in a first temperature range and releases the CO<sub>2</sub> at a temperature in a second temperature range that is higher than the first temperature range. The warm-up system increases a temperature of the CO<sub>2</sub> absorbing and releasing agent (15) to reach the second temperature range such that the CO<sub>2</sub> released from the CO<sub>2</sub> absorbing and releasing agent (15) is supplied to a component of the internal combustion engine (1) such as an intake manifold (3a) and an exhaust gas purification catalyst (10).